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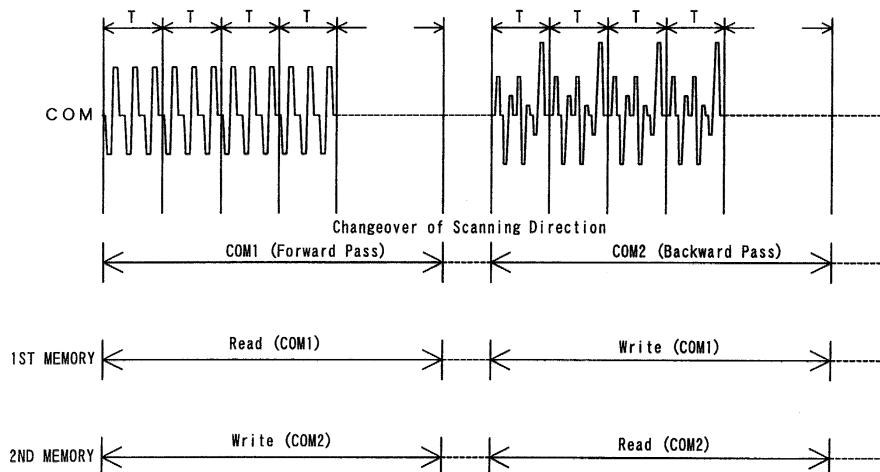
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(54) **Generation of driving waveforms to actuate driving elements of print head**

(57) The present procedure provides a first memory area and a second memory area, in which driving waveform data used to generate the driving waveforms are stored. Different sets of the driving waveform data are stored in the respective memory areas. The procedure selects a working memory area at a predetermined interval of selection and carries out arithmetic operations using the set of driving waveform data stored in the se-

lected working memory area, so as to generate a driving waveform signal. The selective use of the working memory area enables the resulting driving waveform to be switched over at a high speed at the predetermined interval of selection. The two memory areas may be constructed by separate memory chips. This configuration enables a reading operation from one memory area to be carried out in parallel with a writing operation into the other memory area.

Fig. 14





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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 10 1394

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Place of search <b>THE HAGUE</b>		Date of completion of the search <b>6 December 2001</b>	Examiner <b>Bardet, M</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

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